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DOH releases soil data from AFFF release at Red Hill

HONOLULU – The Hawai'i Department of Health (DOH) received the first set of test results from soil samples it collected outside of Adit 6 of the Red Hill Bulk Fuel Storage Facility, where roughly 1,100 gallons of aqueous film forming foam (AFFF) were released on November 29, 2022. The laboratory test results are available on the DOH's Red Hill Water Information website at: <https://health.hawaii.gov/about/red-hill-water-information/>.

The first soil samples were collected after the release, while the U.S. Department of the Navy (Navy) performed soil excavation. As expected, some per- and polyfluoralkyl substances (PFAS) levels exceeded DOH's Environmental Action Levels (EALs) for soil. The DOH collected additional soil samples, and those test results will be posted at the link above as they become available.

The DOH has also been collecting and observing the Navy's collection of samples from eleven groundwater monitoring locations near Adit 6, including the Red Hill Shaft. Today the Navy published its first two weeks of validated groundwater PFAS test results (available on the [Navy's Safe Waters website](#)), which show no exceedances of DOH's EALs for groundwater. The DOH's testing results for independent verification are pending and will be shared when available.

The DOH directed the Navy to conduct PFAS sampling as described in the [DOH's December 2, 2022 Notice of Interest](#) (NOI) responding to the November 2022 AFFF

release. The NOI requires the Navy to characterize the nature and extent of the spill in the soil and groundwater.

For updates on the AFFF release and other issues related to Red Hill, please visit: <https://health.hawaii.gov/about/red-hill-water-information/>.

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